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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/661,103	09/13/2000	Alex Dubrovsky	EMC00-001(00010)	7599

7590

10/24/2003

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EXAMINER

DUONG, THOMAS

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 10/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/661,103

Applicant(s)

DUBROVSKY ET AL.

Examiner

Thomas Duong

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09/13/2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 September 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other:

DETAILED ACTION

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-27 are rejected under 35 U.S.C. 102(e) as being anticipated by

Rangachar (US006301252B1).

2. With regard to *claims 1, 12 and 24*, Rangachar reference discloses,
 - *receiving a generic zone control command; (column 6, lines 37-39).*
 - *translating the generic zone control command to at least one vendor specific device command of a plurality of vendor specific, device commands that respectively control zoning in a plurality of different vendor devices; and (column 6, lines 48-51).*
 - *performing functions associated with the at least one vendor specific device command to control zoning in a device (column 6, lines 39-43).*
3. With regard to *claims 2 and 13*, Rangachar reference discloses,
 - *identifying a vendor of at least one device within a zone corresponding to the generic zone control command; and (column 6, lines 43-45).*

- *selecting a set of vendor specific device commands, from the plurality of vendor specific device commands that respectively control zoning in devices from different vendors, that corresponds to the vendor of at least one device within the zone (column 6, lines 31-36).*
4. With regard to *claims 3 and 14*, Rangachar reference discloses,
- *selects the set of vendor specific device commands that are specific to a vendor of a device that exists within the zone to which the generic zone control command is directed (column 6, lines 31-36).*
5. With regard to *claims 4 and 15*, Rangachar reference discloses,
- *identifying devices within the zone that are affected by the generic zone control command; and (column 6, lines 43-45).*
 - *identifying vendors of the devices within the zone that are affected by the generic zone control command (column 6, lines 43-45).*
6. With regard to *claims 5, 16 and 25*, Rangachar reference discloses,
- *the plurality of vendor specific device commands include sets of vendor specific device commands; and (column 7, lines 45-50).*
 - *wherein the step of translating includes the steps of:*
 - *selecting a set of vendor specific device commands that can control zoning within a device to which the generic zone control command is directed; and (column 7, lines 50-55).*
 - *dynamically loading the set of vendor specific device commands into a management application to allow the management application to*

control zoning within the device to which the generic zone control command is directed (column 7, lines 5-12).

7. With regard to *claims 6, 17, 23 and 26*, Rangachar reference discloses,
 - *selecting the at least one vendor specific device command, within the set of vendor specific device commands, that performs zoning operations, in the device to which the generic zone control command is directed, in accordance with the generic zone control command; and (column 6, lines 31-36).*
 - *mapping parameters of the generic zone control command to parameters of the at least one vendor specific device command to provide the vendor specific device command with data required to perform the zoning operations in the device (column 6, lines 48-51).*
8. With regard to *claims 7 and 18*, Rangachar reference discloses,
 - *wherein the set of vendor specific device commands is selected based on an identity of a vendor of the device to which the generic zone control command is directed (column 7, lines 45-50).*
9. With regard to *claims 8 and 19*, Rangachar reference discloses,
 - *wherein the step of receiving receives the generic zone control command from a device management application that can control zoning in a network of devices manufactured by different vendors (column 6, lines 37-39).*

10. With regard to *claims 9 and 20*, Rangachar reference discloses,
 - *wherein the step of performing performs the at least one vendor specific device command to control zoning within a device from a vendor that is a vendor of devices that are controlled by the vendor specific device command to which the generic zone control command is translated (column 6, lines 39-43).*
11. With regard to *claims 10 and 21*, Rangachar reference discloses,
 - *loading a library of vendor specific device commands into a management application based on an identity of a vendor of a device affected by the generic zone control command; and (column 7, lines 45-50).*
 - *calling the at least one vendor specific device command using the generic zone control command having the same format as the at least one vendor specific device command perform zoning operations within the device affected by the generic zone control command (column 7, lines 45-50).*
12. With regard to *claims 11, 22 and 27*, Rangachar reference discloses,
 - *wherein the steps of receiving, translating and performing are processed by a management application that controls zoning within switches in a data storage network and wherein the step of translating includes a step of loading a dynamically linked library of vendor specific device commands, selected based on a vendor of a device affected by the generic zone control command, into a memory for use by the management application to control zoning in the device (column 6, lines 37-51).*

Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- Jacobson et al. (US006426959B1)
- Hoese et al. (US006425035B2)
- Dimitroff et al. (US006209023B1)
- Haroun et al. (US005787259A)

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas Duong whose telephone number is 703/305-1886. The examiner can normally be reached on M-F 7:30AM - 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 703/308-5221. The fax phone numbers for the organization where this application or proceeding is assigned are 703/305-3719 for regular communications and 703/305-3719 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703/305-3900.

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Thomas Duong

Examiner

Art Unit 2143

October 14, 2003

A handwritten signature in black ink, consisting of a stylized 'B' followed by a series of loops and a long horizontal stroke.

BUNJOB JARDENCHOMMANIT
PRIMARY EXAMINER